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Time Stamp	2004/11/23 13:52	2004/11/18 09:58	2004/11/18 09:59	2004/11/18 10:00	2004/11/18 10:00	2004/11/18 10:00	2004/11/18:15:45	2004/11/18 10:02	2004/11/18 15:49	2004/11/18 10:15
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Default Operator	8	OR	OR	8	S.	æ	OR	8	OR	S.
DBs	US-PGPUB: USPAT; EPO; JPO; DERWENT	US-PGPUB; USPAT; EPO; JPO; DERWENT	US-PGPUB; USPAT; EPO; JPO; DERWENT	US-PGPUB; USPAT; EPO; JPO; DERWENT	US-PGPUB; USPAT; EPO; JPO; DERWENT	US-PGPUB; USPAT; EPO; JPO; DERWENT	US-PGPUB; USPAT	US-PGPUB; USPAT; EPO; JPO; DERWENT	US-PGPUB; USPAT; EPO; JPO; DERWENT	UŚ-PGPUB; USPAT; EPO; JPO; DERWENT
Search Query	451/41.ccls.	S1 and (lubricant lubricate lube\$)	"1" and (solid adj2 (lubricant lubricate lubes)):	"S1" and (solid adj2 (lubricant lubricate lube\$))	451/41:ctls	SS and (solid adj2 (lubricant lubricate lube\$))	(US-200200022026-\$).ddi. or (US-6769969-\$ or US-6719615-\$ or US-6685139-\$ or US-6634927-\$ or US-6615613-\$ or US-658899-\$ or US-6435948-\$ or US-62861156-\$ or US-611364-\$ or US-6019668-\$ or US-452520-\$ or US-488418-\$).ddd	S6 not S7	SS and (polymeric adj matrk)	"6656018".pn.
吾	2967	157	8888	68	2971	41	15	7	32	2
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2004/11/18 10:22	2004/11/18 11:29	2004/11/18 11:30	2004/11/18 11:30	2004/11/18 15:46	2004/11/18 15:50	2004/11/22 09:45	2004/11/18 15:58	2004/11/18 16:00	2004/11/18 16:00	2004/11/22 08:30	2004/11/18 16:30
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OR	8	æ	g	S.	8	8	ĕ	e e	æ	OR.	ž
US-PGPUB; USPAT; USOCR	US-PGPUB; USPAT; EPO; JPO; DERWENT	US-PGPUB; USPAT; EPO; JPO; DERWENT	US-PGPUB, USPAT, EPO; JPO; DERWENT	US-PGPUB; USPAT	US-PGPUB; USPAT; EPO; JPO; DERWENT	US-PGPUB; USPAT; EPO; JPO; DERWENT	US-PGPUB; USPAT; EPO; JPO; DERWENT	US-PGPUB; USPAT; EPO; JPO; DERWENT	US-PGPUB; USPAT; EPO; JPO; DERWENT	US-PGPUB; USPAT; EPO; JPO; DERWENT	US-PGPUB; USPAT; EPO; JPO; DERWENT
("3607159" "4255164" "5346516" "5578098" "56421304" "5632688" "5725417" "5879229" "5725417" "5879226" "6254460").PN. OR ("6656018").	SS and stury	S9 and lubricant	S9 and (lubricant ilbricate lube)	("4927432" or "5900164" or "4944836").pn.	451/41.cds	S16 and (polymeric adj matrix)	S17 and (((mkro or non) adj porous) or non-porous)	("451".clas.) and (polymeric adj matrb) and (((micro or non) adj porous) or non-porous) and (CMP or "chemical mechanical polishing")	\$19 not \$18	(solid adj (lubricant or lubrication or lube)) same (micron or microns or micrometer)	S21 and (OMP or ("chemical mechanical polish\$3"))
13	30	4	4	е	2971	32	œ	13	S	406	0
211	215	S13	S14	S15	S16	517	S18	S19	220	521	223

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Search History 11/24/04 11:07:55 AM Page 1 C:\APPS\EAST\Workspaces\10645493.wsp

2004/11/18 16:30	2004/11/18 16:31	2004/11/18 16:31	2004/11/22 15:00	2004/11/18 17:46	2004/11/18 17:46	2004/11/18 17:46	2004/11/18 17:47	2004/11/18 17:54	2004/11/18 17:54	2004/11/22 09:11	2004/11/22 08:32
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OR	SO.	So.	S.	9R	8	Se .	S	8	8	æ	OR
US-PGPUB; USPAT; EPO; JPO; DERWENT	US-PGPUB; USPAT; EPO; JPO; DERWENT	US-PGPUB; USPAT; EPO; JPO; DERWENT	US-PGPUB; USPAT; EPO; JPO; DERWENT	US-PGPUB; USPAT; EPO; JPO; DERWENT	US-PGPUB; USPAT; EPO; JPO; DERWENT	US-PGPUB; USPAT; EPO; JPO; DERWENT	US-PGPUB; USPAT; EPO; JPO; DERWENT	US-PGPUB; USPAT; EPO; JPO; DERWENT	US-PGPUB: USPAT; EPO; JPO; DERWENT	US-PGPUB; USPAT; EPO; JPO; DERWENT	US-PGPUB; USPAT; EPO; JPO; DERWENT
S21 and (CMP or ("chemical mechanical polishing"))	S21 and (CMP or (polishing)).	S21 and CMP	(solid adj (lubricant or lubrication or lube)) same (mkron or microns or micrometer) same particle\$	S26 and polishing	(PTFE or polytetrafluoroethylene) and (particle adj size)	(PTFE or polytetrafluoroethylene) same (particle adj size)	(PITE or polytetrafluoroethylene) with (particle adj size)	(PTFE or polytetrafluoroethylene) with (particle adj size) and (CMP or "chemical mechanical polishing")	(PTR or polytetrafluoroethylene) with (molecular adj weight) and (CMP or "chemical mechanical polishing")	(solid adj (lubricant or lubrication or lube)) same ("%" adj4 weight)	'451' clas
0	17	0	238		13059	3216	1860	6	33	<u>χ</u>	64683
223	S24	525	226	227	S28	S29	230	S31	832	SS	234

2004/11/22 08:32

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S33 and S34

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US-PGPUB; USPAT; EPO; JPO; DERWENT

2004/11/22 09:27

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US-PGPUB; USPAT; EPO; JPO; DERWENT

(solid adj.(lubricant or lubrication or lube)) same ((telinding or coupling) adj agent) or (adhesive adj promoter))

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536

2004/11/22 09:12

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8

US-PGPUB;

S34 and S36

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S37

USPAT; EPO; JPO; DERWENT

2004/11/22 09:33

#0

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US-PGPUB; USPAT;

(solid adj (lubricant or lubrication or lube)) with (surfactant)

146

838

EPO; JPO; DERWENT

2004/11/22 09:48

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8

US-PGPUB;

(porous or non-porous or (non ad) porous)) with (polymeric ad) matrix)

409

S40

2004/11/22 09:33

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8

S34 and S38

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839

US-PGPUB; USPAT; EPO; JPO; DERWENT

2004/11/22 09:46

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8

US-PGPUB; USPAT; EPO; JPO; DERWENT

S34 and S40

2

541

EPO; JPO; DERWENT

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US-PGPUB;

S40 and polish\$

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S42

USPAT; EPO; JPO; DERWENT

2004/11/22 09:50

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8

US-PGPUB; USPAT

54

S43

(US-20020002026+5 or US-20030027500+5 or US-20030027500+5 or US-20040072507+5 or US-20040072507+5 or US-6113464+5 or US-620156+5 or US-6207644+5 or US-6293815+5 or US-6398909+5 or US-6293815+5 or US-6459899+5 or US-6559999+5 or US-6559999+5 or US-655999+5 or US-6559999+5 or US-6559999+5 or US-6559999+5 or US-6519915+5 or US-6519999+5 or US-6519999+5 or US-6519999+5 or US-6719915+5 or US-6799899+5

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2004/11/22 09:55

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OR

US-PGPUB; USPAT;

S43 and (porous or porosity or

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S44

EPO; JPO; DERWENT

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OR	æ	OR.	Š	S.	క	&	OR	g.	OR	ADJ	P
US-PGPUB; USPAT; EPO; JPO; DERWENT	US-PGPUB; USPAT; EPO; JPO; OERWENT	US-PGPUB; USPAT; EPO; JPO; DERWENT	US-PGPUB; USPAT; EPO; JPO; DERWENT	US-PGPUB; USPAT; EPO; JPO; DERWENT	US-PGPUB; USPAT; EPO; JPO; DERWENT	US-PGPUB; USPAT; EPO; JPO; DERWENT	US-PGPUB; USPAT; EPO; JPO; DERWENT	US-PGPUB; USPAT; EPO; JPO; DERWENT	US-PGPUB; USPAT; EPO; JPO; DERWENT	US-PGPUB; USPAT; EPO; JPO; DERWENT	US-PGPUB; USPAT; EPO; JPO; DERWENT
10/193429	S43 and ((micro or non) adj (porous or porosity, or pore))	((micro or non) adj (porous or porosity or pore))	534 and 547		(low-k) same (carbon-doped or "silicone oxide" or ((spin ad) on) with ((organo ad) silicate) or (organic adj polymer))))	S34 and S50	(low-k) same (carbon-doped or "silicone oxide" or ((spin adj on) with:((organo adj silicate) or (organic adj polymer)))) and (CMP or "chemical mechanical polishing")	"ultra high molecular weight"	"ultra high molecular weight polyethylene"	(utra high molecular weight polyethylene)	(ultra high molecular weight polyethylene) and (organic adj fluoropolymers)
2	0	32361	222	125	183	-	120	80.54	5264	5264	2
S45	S 46	S47	248	S49	SS0	S51	ZS.	553	7 22		856

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2004/11/22 13:46	2004/11/22 13:45	2004/11/22 13:46	2004/11/22 14:23	2004/11/22 13:46	2004/11/22 13:52	2004/11/22 13:53	2004/11/22 13:55	2004/11/22 14:24	2004/11/22 14:26	2004/11/22 14:26	2004/11/22 14:27
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US-PGPUB; USPAT; EPO; JPO; DERWENT	US-PGPUB; USPAT; EPO; JPO; DERWENT	US-PGPUB; USPAT; EPO; JPO; DERWENT	US-PGPUB; USPAT; EPO; JPO; DERWENT	US-PGPUB; USPAT; EPO; JPO; DERWENT	US-PGPUB; USPAT; EPO; JPO; DERWENT	US-PGPUB; USPAT; EPO; JPO; DERWENT	US-PGPUB; USPAT; EPO; JPO; DERWENT	US-PGPUB; USPAT; EPO; JPO; DERWENT	US-PGPUB; USPAT; EPO; JPO; DERWENT	US-PGPUB; USPAT; EPO; JPO; DERWENT	US-PGPUB; USPAT; EPO; JPO; DERWENT
(ultra high molecular weight polyethylene) and (@pd>="20020821")	'451' clas	S57 and S58	(ultra high molecular weight polyethylene) and (@pd <= "20020821")	S58 and S60	((ultra high molecular weight polyethylene): same million) and (@pd<="20020821")	((ultra high molecular weight polyethylene) same ("100,000" and "500,000")) and (@pd<="20020821")	((ultra high molecular weight polyethylene) same (*100,000" or *500,000")) and (@pd<="20020821")	"451".clas.	565 and ((high molecular weight polyethylene) not (ultra high molecular weight polyethylene)) and (@pd <= "20020821")	((high molecular weight polyethylene) not (ultra high molecular weight polyethylene)) and (@pd <= "20020821")	1177
1526	64683	18	3788	30	203	4	26	64683	ø	4637	O
SS7	828	829	0 %	261	282	863	S64	S65	995	292	888

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2004/11/22 14:28	2004/11/22 14:29	2004/11/22 15:04	2004/11/22:15:02	2004/11/22 15:02	2004/11/22:15:02	2004/11/22 15:05	2004/11/23 13:52	2004/11/23 13:52	2004/11/23.14:02	2004/11/23 14:03	2004/11/23 14:03
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ADJ	G	OR.	ర	A S	RO.	똢	Ж.	OR.	క	%	0R
US-PGPUB; USPAT; EPO; JPO; DERWENT	US-PGPUB; USPAT; EPO; JPO; DERWENT	US-PGPUB; USPAT; EPO; JPO; DERWENT	US-PGPUB; USPAT; EPO; JPO; DERWENT	US-PGPUB; USPAT; EPO; JPO; DERWENT	US-PGPUB; USPAT; EPO; JPO; DERWENT	US-PGPUB; USPAT; EPO; JPO; DERWENT	US-PGPUB; USPAT; EPO; JPO; DERWENT	US-PGPUB; USPAT; EPO; JPO; DERWENT	US-PGPUB; USPAT; EPO; JPO; DERWENT	US-PGPUB; USPAT; EPO; JPO; DERWENT	US-PGPUB; USPAT; EPO; JPO; DERWENT
(polishing pad) and ((high molecular weight polyethylene) not (ultra high molecular weight polyethylene)) and (@pd<="20020821")	(polishing pad) and ((high molecular weight) not (ultra high molecular weight)) and (@pd<="20020821")	(solid adj (lubricant or lubrication or lube)) with (sphere or spherical or cylinder or cylindrical or platelet or (cut adj fibers))	(polishing ad; pad) with (solid ad; (lubricant or lubrication or lube)) with (sphere or spherical or cylinder or cylindrical or platelet or (cut adj fibers))	(polishing adj pad) same (solid adj (lubricant or lubrication or lube)) with (sphere or spherical or cylinder or cylindrical or platelet or (cut adj fibers))	S65 and 571	(solid adj (lubricant or lubrication or lube)) with (sphere or spherical or cylinder or cylindrical or platelet or (cut adj fibers)) with particles	10-37962.pm	"1037962".pn.	"JP-A 10-37,962"	"10-37,962"	10-37,962"
	47	462	0	0	-	74	0	9	o	1	-
695	870	571	225	S73	S74	s7s	S76	27.5	878	S79	280

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S81	0	0 "JP 37,962"	US-PGPUB;	g R	世	2004/11/23 14:03	
			USPAT; EPO; JPO; DERWENT				
285	0	0 .P. adj "37,962"	US-PGPUB: OR USPAT; EPO; JPO; DERWENT		± ₀	ОН 2004/11/23 14:42	
883	24	24 (solid adj lubricant) same (spherical) and "1998"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	0 /	2004/11/23 15:01	
884		2 -6312759: pn.	US-PGPUB; OR USPAT; EPO; JPO; DERWENT		# #	0所 2004/11/24 09:32	
285	7	2 "5489233".pn.	US-PGPUB; USPAT; EPO; JPO; DFRWFNT	OR	±0	2004/11/24 09:32	

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